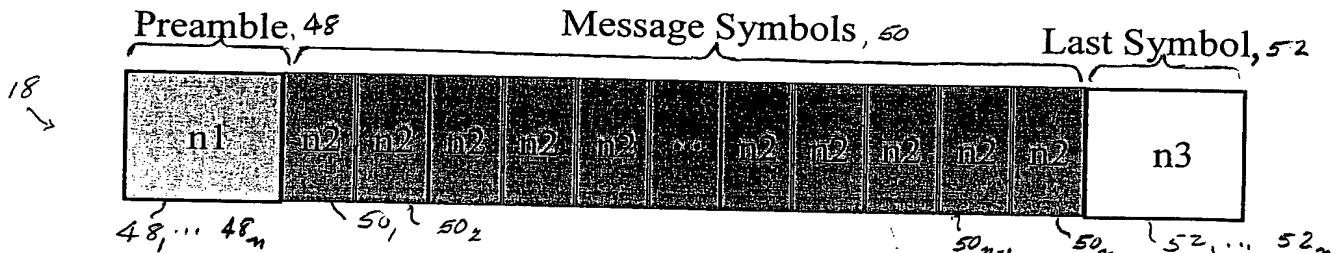


FIG. 1

- Message Symbols are in base $N_s = 3$



- Preamble contains n_1 pulses with sufficient SNR to make initial detection.
- Message Symbols each contain n_2 pulses.
- Last Symbol contains n_3 pulses for enough SNR to make final detection.

FIG. 2

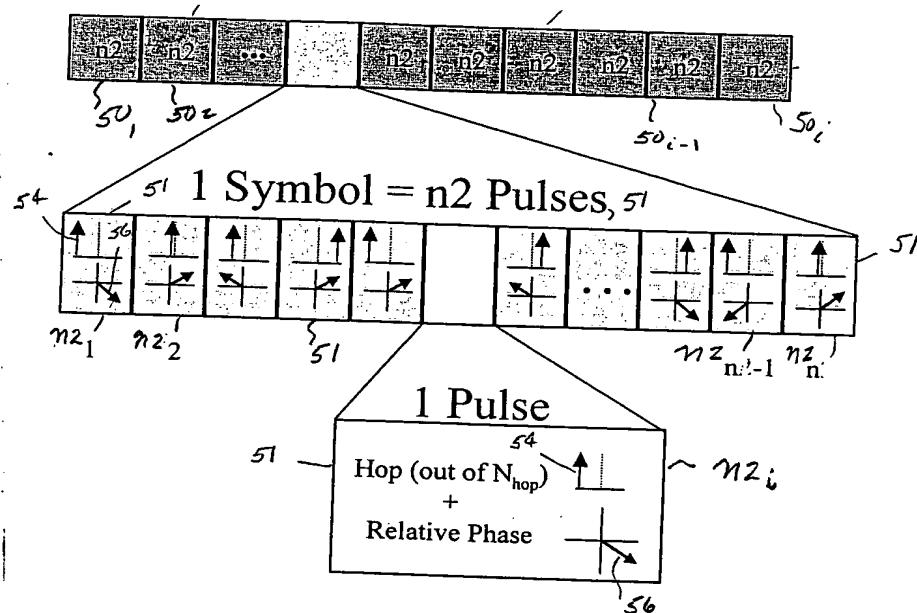


FIG. 3

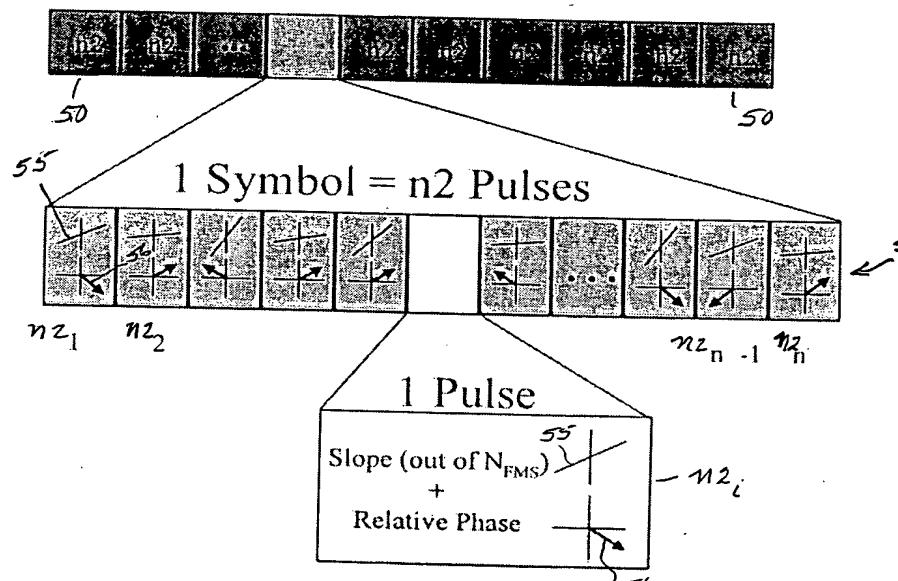


FIG. 4

(RELATED ART)

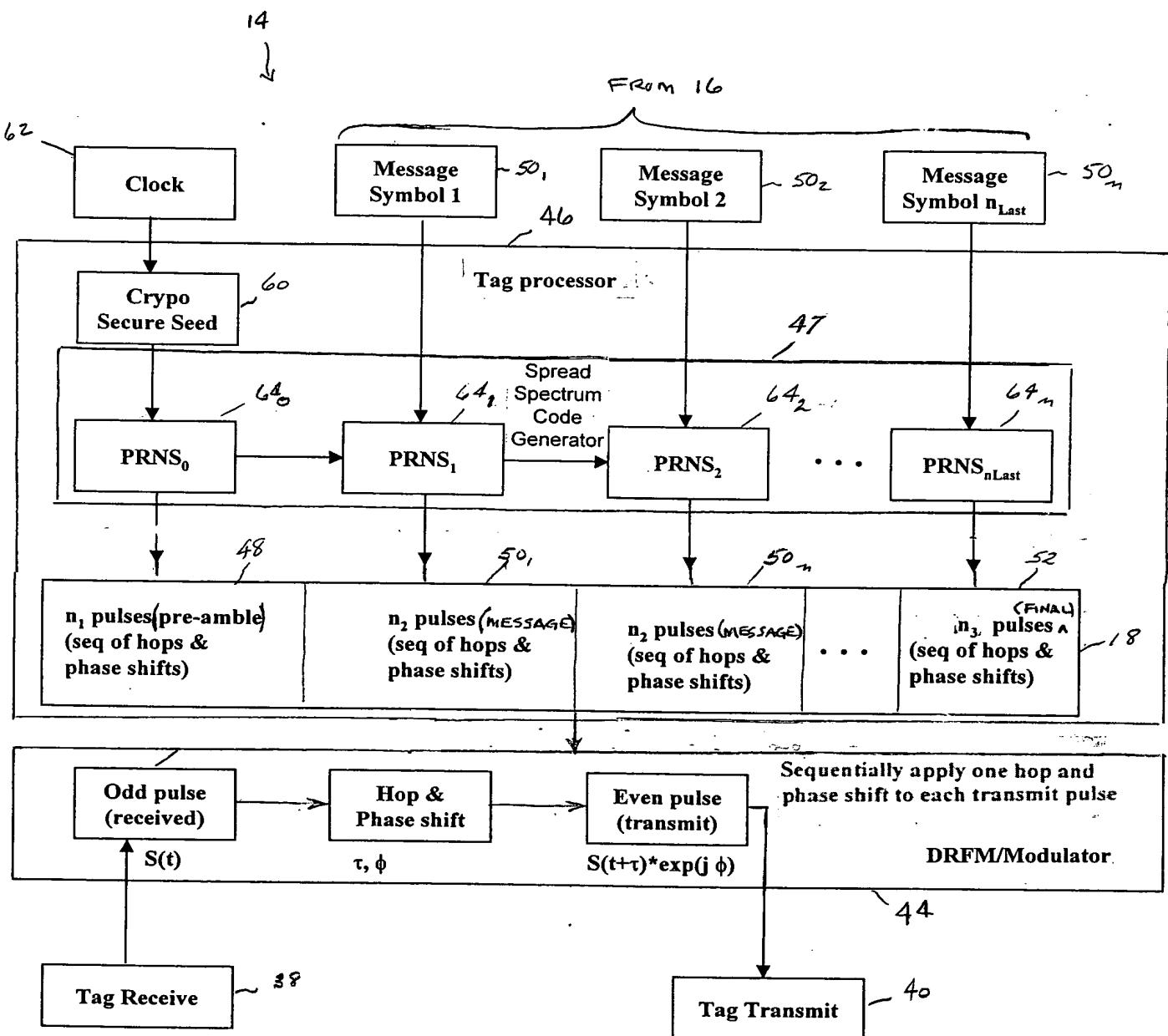


FIG. 5

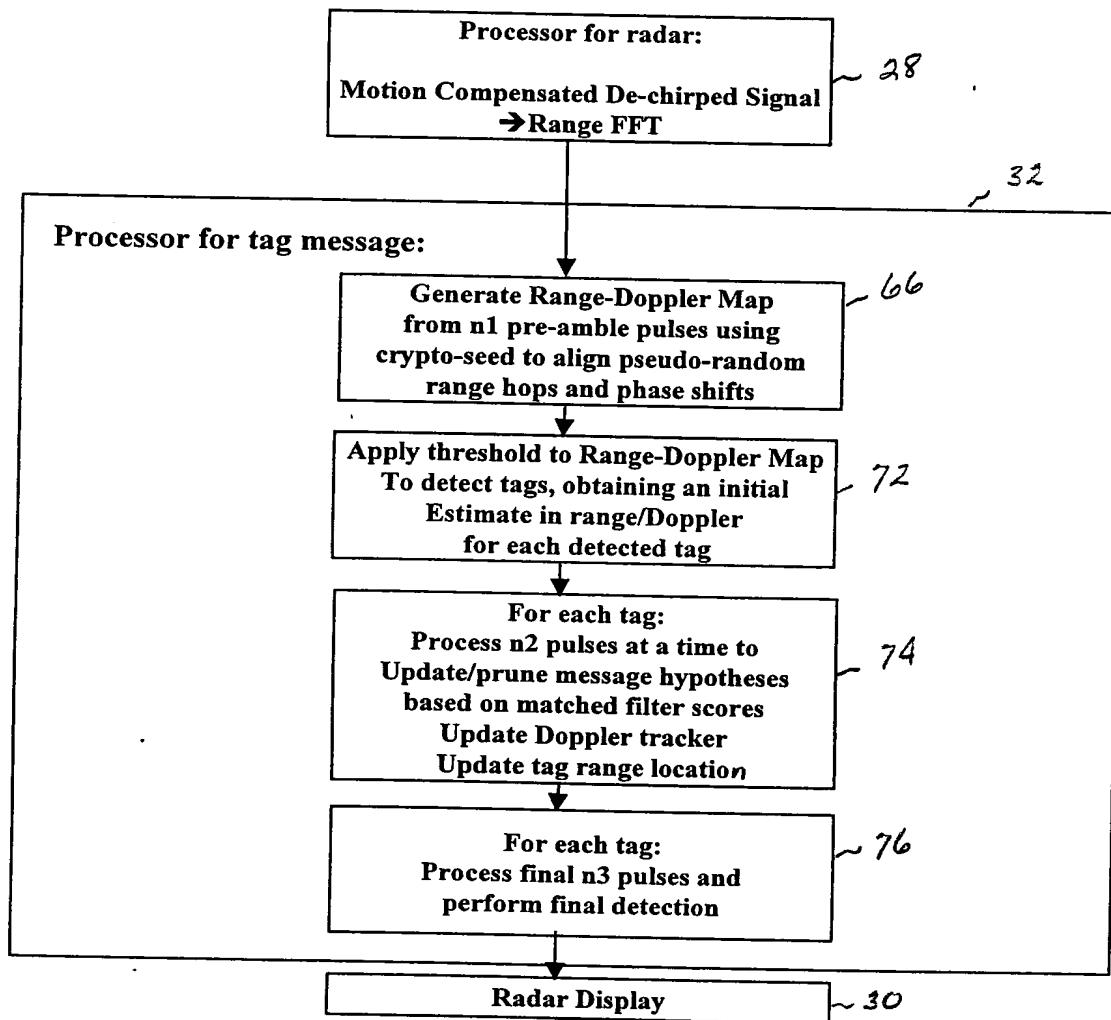


FIG. 6

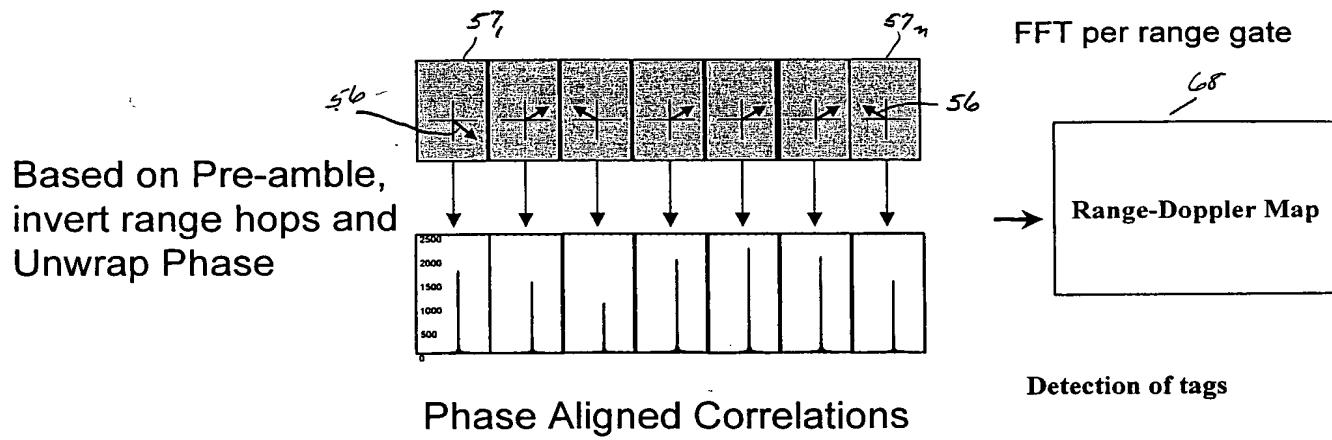


FIG. 7

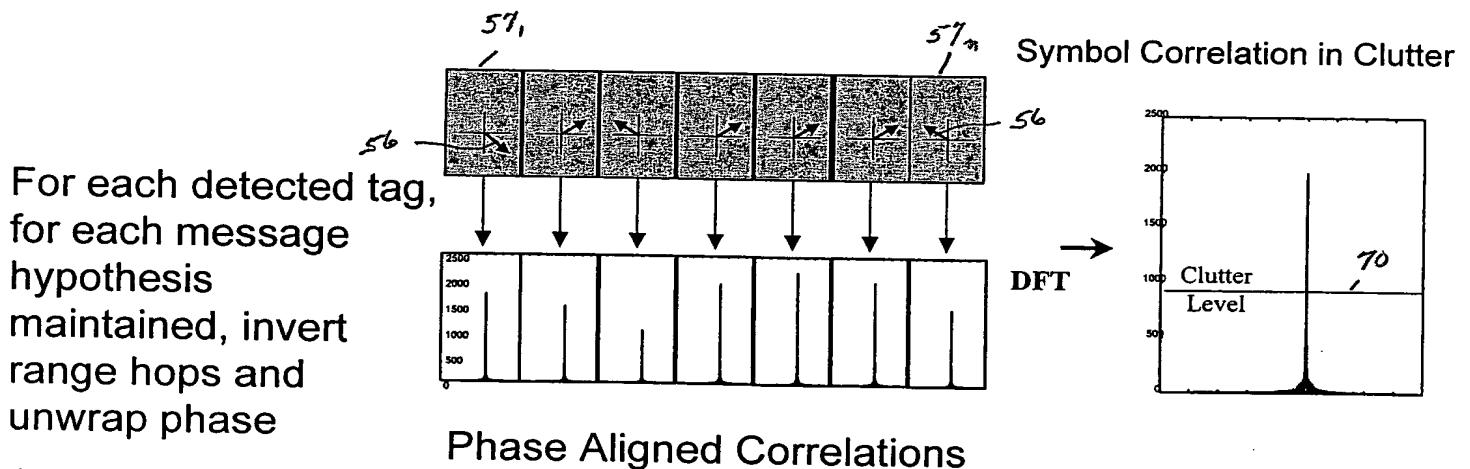
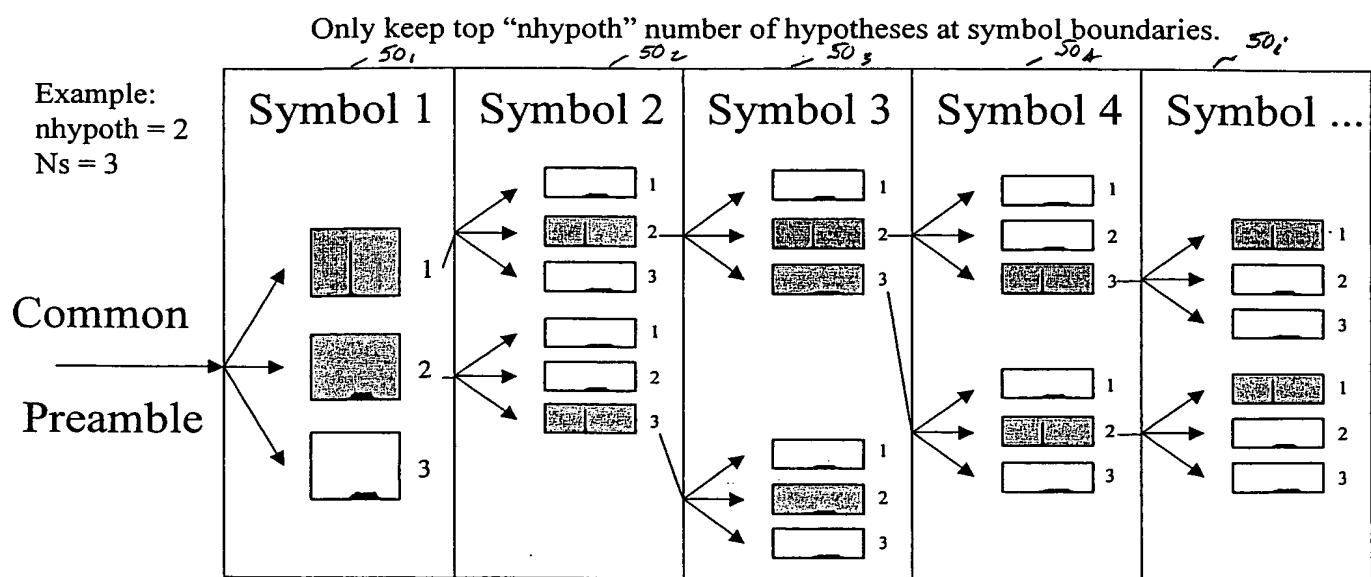


FIG. 8



At each symbol boundary, only keep the 2 hypotheses (paths) with the highest "scores".

FIG. 9A

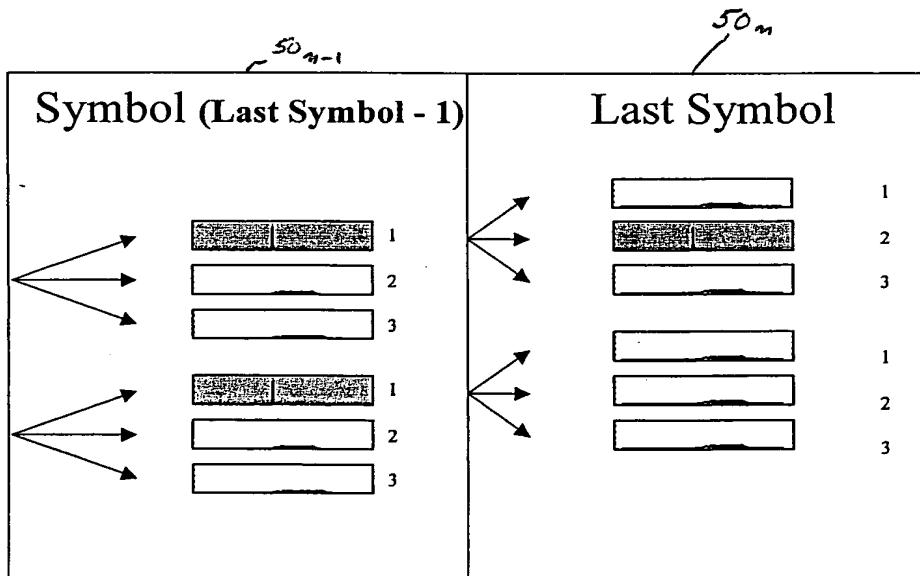


FIG. 9B